



UQLEAD K03-42A0



AI/HPC Server

4U DP 8 x PCIe Gen5 GPUs



Key Features

- Supports up to 8 x dual-slot Gen5 GPUs:
8 x NVIDIA H200 NVL PCIe GPUs with 4-way NVLink™ bridges or
8 x NVIDIA RTX™ PRO 6000 Blackwell Server Edition GPUs
- Dual AMD EPYC™ 9005 Series processors
- 32 x DIMMs, 12-channel DDR5 RDIMM
- 12 x 2.5" Gen5 NVMe hot-swap bays
- 1 x M.2 slots with PCIe Gen3 x4 interface
- 8 x FHFL PCIe Gen5 x16 slots for GPUs
- 4 x FHHL PCIe Gen5 x16 slots for CX7/CX8
- 1 x FHHL PCIe Gen5 x16 slot for BF3 DPU
- 1 x HHHL PCIe Gen5 x16 slot
- 3+1 3200W 80 PLUS Titanium power supplies

AI training

AI inference

Visual & high-performance computing

Specifications

Dimensions	4U (W438 x H175 x D800 mm)
CPU	AMD EPYC™ 9005 Series processors Dual processor, cTDP up to 400W: • At 25°C ambient, cTDP up to 500W
OS compatibility	Windows Server 2022 and 2025 Red Hat Enterprise Linux server 9.X & 10 VMware ESXi 8.0 U3 & VMware ESX 9.X
Chipset	System on Chip
Memory	32 x DIMMs, 12-channel DDR5 RDIMM Up to 5200 MT/s (1DPC), 4400 MT/s (1R 2DPC)
LAN	6 x LP PCIe Gen5 x16 slots: • Options for NVIDIA ConnectX®-8 / ConnectX®-7) 1 x 10/100/1000 Mbps Management LAN
Video	Integrated in ASPEED® AST2600: • 1 x VGA port
Storage	Front hot-swap: 12 x 2.5" Gen5 NVMe* Internal M.2: 1 x M.2 (2280), PCIe Gen3 x4 *RAID add-in card is required to support RAID functionality.
I/O ports	Front: 2 x USB 3.2 Gen1, 1 x Mini DisplayPort Rear: 1 x USB 3.2 Gen1, 1 x Mini DisplayPort, 1 x MLAN, 1 x Micro USB port (debug port)

Front:	8 x FHFL PCIe Gen5 x16 slots for GPUs (with PCIe switches)
Rear:	6 x LP PCIe Gen5 x16 slots (with PCIe switches) *The system supports 8 x NVIDIA H200 NVL PCIe GPUs at 25°C ambient, arranged as two 4-GPU sets, each with a 4-way NVLink bridge. *The system supports 8 x RTX™ PRO 6000 Blackwell Server Edition GPUs at 25°C ambient.
PCIe expansion slots	
Security modules	TPM 2.0
Power supply	3+1 3200W 80 PLUS Titanium redundant power supply AC Input: 100-240V *The system power supply requires C19 power cord
System management	ASPEED® AST2600 Baseboard Management Controller KERNO Management Console web interface
System fans	10 x 80x80 mm
Operating properties	Operating: 10°C to 35°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
Packaging content	1 x 4U chassis 1 x L-shape rail kit 4 x C19 power cable
Warranty	3- to 5-year limited warranty

Learn more at www.kerno.ae. All specifications are subject to change without notice. Please visit our website for the latest information.

AMD, the AMD Arrow logo, EPYC and combinations thereof are trademarks of Advanced Micro Devices, Inc.

All other brands, logos and names are the property of their respective owners.